The CERES Surface and Atmospheric Radiation Budget (SARB) group produces several different data products for public distribution. Each contains, at it s core, vertical flux (Wm-2) profiles for Longwave (LW), Shortwave (SW) and window fluxes at the surface, 500hPa, 200hPa, 70hPa and at the Top of Atmosphere (TOA). Products included:

- CRS (Clouds & Radiative Swath) Flux profiles at time of satellite overpass (i.e. not gridded); record for several million CERES field of views (footprints) per day where each output file contains one hour of results.

- FSW (Fixed SWath) This product bins CRS footprint results in both space and time, placing each FOV in a 1-degree grid box and assigning it to the nearest one of 24 hourly boxes within a day. (No temporal interpolation.)

- SYN (SYNoptic) Contains a more tractable, 1-degree gridded, 3-hourly synoptic product (including UVA and UVB fluxes at the surface). Includes temporal interpolation of gridded fields.

- MOA (Meteorology/Ozone/Aerosol) An internal data product containing vertical profile information for meteorological profiles, ozone, and aerosols combined for efficient input into the radiation transfer code used in SARB processing.

These are huge, official products and require some skill to handle. The SARB group maintains an informal "CAVE" web page with user-friendly access to subsets for downloading, on line plots, independent ground-based measurements for validation, point and click radiative transfer, and documentation. To reach CAVE, do a web search for "CERES CAVE" and seek the CAVE Home Page.